

A screenshot of a Windows XP desktop environment. The taskbar at the top shows several open applications: Internet Explorer, Runes of Magic, Skype, and OneDrive. A Notepad window is active in the foreground, displaying a list of IP addresses from 342/120 to 342/205. The desktop background is a dark, textured pattern. On the right side of the screen, there are two vertical panels: one containing a list of application icons (including VLC media player, Firefox, and others) and another containing a list of system tray icons.

	Search Terms	Total	UNPAT	US-PDF only	EPO	IPD	Derwent
1	342/120	314					
2	342/121	70					
3	342/122	243					
4	342/123	202					
5	342/131	136					
6	342/132	241					
7	342/134	313					
8	342/135	264					
9	342/195	786					

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5498	(altimeter or altimetric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/17 13:57
L2	83551	radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/17 13:58
L3	1740	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/17 13:58
L4	8499	oscillator same (random or randomly)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/17 13:58
L5	45	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/17 14:13
L6	3491	((342/120) or (342/121) or (342/122) or (342/123) or (342/131) or (342/132) or (342/134) or (342/135) or (342/195) or (342/200) or (342/201) or (342/202) or (342/203) or (342/204) or (342/205)),CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/17 14:16
L7	1708	6 and @ad<="20040217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/17 14:17

# SEARCH NOTES FOR EAST AND IEEE

SERIAL NUMBER

10780411

EAST: search history attached

Search terms:

radar <and> (altimeter <or> altimetric) <and> (random <or> randomly)

**1. Improving the detection capability of spatial failure modes using downward-looking sensors in terrain database integrity monitors**

Vadlamani, A.; de Haag, M.U.;  
Digital Avionics Systems Conference, 2003. DASC '03. The 22nd  
Volume 2, 12-16 Oct. 2003 Page(s):9.C.5 - 91-12 vol.2

**2. An algorithm for time series analysis of ice sheet surface elevations from satellite altimetry**

Davis, C.H.; Segura, D.M.;  
Geoscience and Remote Sensing, IEEE Transactions on  
Volume 39, Issue 1, Jan. 2001 Page(s):202 - 206

**3. Bistatic model of ocean scattering**

Picardi, G.; Seu, R.; Sorge, S.G.; Neira, M.M.;  
Antennas and Propagation, IEEE Transactions on  
Volume 46, Issue 10, Oct. 1998 Page(s):1531 - 1541

**4. Satellite laser altimetry of terrestrial topography: vertical accuracy as a function of surface slope, roughness, and cloud cover**

Harding, D.J.; Bufton, J.L.; Frawley, J.J.;  
Geoscience and Remote Sensing, IEEE Transactions on  
Volume 32, Issue 2, March 1994 Page(s):329 - 339

**5. Receiver characteristics of laser altimeters with avalanche photodiodes**

Sun, X.; Davidson, F.M.; Boutsikaris, L.; Abshire, J.B.;  
Aerospace and Electronic Systems, IEEE Transactions on  
Volume 28, Issue 1, Jan. 1992 Page(s):268 - 275

**6. Multibeam radar altimetry: spaceborne feasibility**

Miller, L.S.; Brown, G.S.; Choy, L.W.;  
Geoscience and Remote Sensing, IEEE Transactions on  
Volume 29, Issue 3, May 1991 Page(s):465 - 469

**7. Bathymetric and oceanographic applications of Kalman filtering techniques**

Brammer, R.; Pass, R.; White, J.;  
Automatic Control, IEEE Transactions on  
Volume 28, Issue 3, Mar 1983 Page(s):363 - 371

**8. The average impulse response of a rough surface and its applications**

Brown, G.;  
Oceanic Engineering, IEEE Journal of  
Volume 2, Issue 1, Jan 1977 Page(s):67 - 74

**9. Problems inherent in using aircraft for radio oceanography studies**

Walsh, E.;  
Oceanic Engineering, IEEE Journal of  
Volume 2, Issue 1, Jan 1977 Page(s):145 - 149

**10. Problems inherent in using aircraft for radio oceanography studies**

Walsh, E.;  
Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988]  
Volume 25, Issue 1, Jan 1977 Page(s):145 - 149

**11. The average impulse response of a rough surface and its applications**

Brown, G.;  
Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988]  
Volume 25, Issue 1, Jan 1977 Page(s):67 - 74

# IN SPEC SEARCH

10/780411

## Search strategy

No.	Database	Search term	Info added since	Results
1	INZZ	radar AND (altimeter OR altimetric) AND (random OR randomly)	unrestricted	33

Saved: 17-Apr-2005, 20:20:39 CET

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**Improving the detection capability of spatial failure modes using downward-looking sensors in terrain database integrity monitors.**

**Author(s)**

Vadlamani-A; de-Haag-M-U.

**Source**

22nd Digital Avionics Systems Conference. Proceedings, vol.2, Indianapolis, IN, USA, 12–16 Oct. 2003.  
In: p.9.C.5–1–12 vol.2, 2003.

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**Assessment of the cycle-to-cycle noise level of the Geosat Follow-On, TOPEX, and Poseidon altimeters.**

**Author(s)**

Tran-N; Hancock-D-W-III; Hayne-G-S; Lockwood-D-W; Vandemark-D; Driscoll-M-L; Sailor-R-V.

**Source**

Journal-of-Atmospheric-and-Oceanic-Technology (USA), vol.19, no.12, p.2095–107, Dec. 2002. ,  
Published: American Meteorol. Soc.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Random fluctuations of snow accumulation over Antarctica and their relation to sea level change.**

**Author(s)**

Remy-F; Testut-L; Legresy-B.

**Source**

Climate-Dynamics (Germany), vol.19, no.3–4, p.267–76, July 2002. , Published: Springer-Verlag.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**An algorithm for time series analysis of ice sheet surface elevations from satellite altimetry.**

**Author(s)**

Davis-C-H; Segura-D-M.

**Source**

IEEE-Transactions-on-Geoscience-and-Remote-Sensing (USA), vol.39, no.1, p.202–6, Jan. 2001. ,  
Published: IEEE.

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**Importance of peakedness in sea surface slope measurements and applications.**

**Author(s)**

Chapron-B; Kerbaol-V; Vandemark-D; Elfouhaily-T.

**Source**

Journal-of-Geophysical-Research (USA), vol.105, no.C7, p.17195–202, 15 July 2000. , Published:  
American Geophys. Union.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Bistatic model of ocean scattering.**

**Author(s)**

Picardi-G; Seu-R; Sorge-S-G; Neira-M-M.

**Source**

IEEE-Transactions-on-Antennas-and-Propagation (USA), vol.46, no.10, p.1531-41, Oct. 1998. ,  
Published: IEEE.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Digital signal processing in a spaceborne radar altimeter.**

**Author(s)**

Crowley-R-D; Walker-D-M.

**Source**

Proceedings of 5th International Conference on Signal Processing Applications and Technology, vol.2, Dallas, TX, USA, 18-21 Oct. 1994.  
In: p.1338-43 vol.2, 1994.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Numerical analysis of the sea state bias for satellite altimetry.**

**Author(s)**

Glazman-R-E; Fabrikant-A; Srokosz-M-A.

**Source**

Journal-of-Geophysical-Research (USA), vol.101, no.C2, p.3789-99, 15 Feb. 1996. , Published: American Geophys. Union.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Satellite laser altimetry of terrestrial topography: vertical accuracy as a function of surface slope, roughness, and cloud cover.**

**Author(s)**

Harding-D-J; Bufton-J-L; Frawley-J-J.

**Source**

IEEE-Transactions-on-Geoscience-and-Remote-Sensing (USA), vol.32, no.2, p.329-39, March 1994.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Bidirectional RF-modulated fiber-optic link for intra-satellite communications.**

**Author(s)**

Suter-J-J; Poret-J-C; Bhatnagar-V.

**Source**

Photonics for Space Environments II, Orlando, FL, USA, 5-6 April 1994. Sponsors: SPIE.  
In: Proceedings-of-the-SPIE-The-International-Society-for-Optical-Engineering (USA), vol.2215, p.191-6, 1994.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**On the expected structure of extreme waves in a Gaussian sea. II. SWADE scanning radar altimeter measurements.**

**Author(s)**

Phillips-O-M; Gu-D; Walsh-E-J.

**Source**

Journal-of-Physical-Oceanography (USA), vol.23, no.10, p.2297-309, Oct. 1993.

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**Time and space scales of significant wave heights.**

**Author(s)**

Tournadre–J.

**Source**

Journal–of–Geophysical–Research (USA), vol.98, no.C3, p.4727–38, 15 March 1993.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Pancakelike domes on Venus.**

**Author(s)**

McKenzie–D; Ford–P–G; Liu–F; Pettengill–G–H.

**Source**

Journal–of–Geophysical–Research (USA), vol.97, no.E10, p.15967–76, 25 Oct. 1992.

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**Receiver characteristics of laser altimeters with avalanche photodiodes.**

**Author(s)**

Sun–X; Davidson–F–M; Boutsikaris–L; Abshire–J–B.

**Source**

IEEE–Transactions–on–Aerospace–and–Electronic–Systems (USA), vol.28, no.1, p.268–75, Jan. 1992.

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**Multibeam *radar* altimetry: spaceborne feasibility.**

**Author(s)**

Miller–L–S; Brown–G–S; Choy–L–W.

**Source**

IEEE–Transactions–on–Geoscience–and–Remote–Sensing (USA), vol.29, no.3, p.465–9, May 1991.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Local climatology of wind and sea state by means of satellite *radar altimeter* measurements.**

**Author(s)**

Tournadre–J; Ezraty–R.

**Source**

Journal–of–Geophysical–Research (USA), vol.95, no.C10, p.18255–68, 15 Oct. 1990.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**A re–examination of *radar* terrain backscattering at nadir.**

**Author(s)**

Eom–H–J; Boerner–W–M.

**Source**

IEEE–Transactions–on–Geoscience–and–Remote–Sensing (USA), vol.GE–24, no.2, p.232–4, March 1986.  
Translation in: A06.

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**On the joint distribution of surface elevation and slopes for a nonlinear *random* sea, with an application to *radar* altimetry.**

**Author(s)**

Srokosz-M-A.

**Source**

Journal-of-Geophysical-Research (USA), vol.91, no.C1, p.995-1006, 15 Jan. 1986.  
Translation in: A15.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**A re-examination of *radar* terrain-backscattering at nadir.**

**Author(s)**

Eom-H-J; Boerner-W-M.

**Source**

Record of the IEEE 1985 International *Radars* Conference with Supplement (Cat. No. 85CH2076-8), Arlington, VA, USA, 6-9 May 1985, p.232-4.  
Sponsors: IEEE.  
Published: IEEE, New York, NY, USA, 1985, 470+102 pp  
Translation of: B15.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Propagation characteristics at 35 and 78 GHz for spaceborn altimeters.**

**Author(s)**

Tarducci-D.

**Source**

CSELT-Rapporti-Tecnici (Italy), vol.11, no.4, p.255-64, Aug. 1983.

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**Bathymetric and oceanographic applications of Kalman filtering techniques.**

**Author(s)**

Brammer-R-F; Pass-R-P; White-J-V.

**Source**

IEEE-Transactions-on-Automatic-Control (USA), vol.AC-28, no.3, p.363-71, March 1983.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**A theory for near-normal incidence microwave scattering from first- year sea ice.**

**Author(s)**

Brown-G-S.

**Source**

Radio-Science (USA), vol.17, no.1, p.233-43, Jan.-Feb. 1982.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**The reflection of impulses from a nonlinear *random* sea.**

**Author(s)**

Jackson-F-C.

**Source**

Journal-of-Geophysical-Research (USA), vol.84, no.C8, p.4939-43, 20 Aug. 1979.

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**Problems inherent in using aircraft for radio oceanography studies.**

**Author(s)**

Walsh-E-J.

**Source**

IEEE-Journal-of-Oceanic-Engineering (USA), vol.OE-2, no.1, p.145-9, Jan. 1977.

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**The average impulse response of a rough surface and its applications.**

**Author(s)**

Brown-G-S.

**Source**

IEEE-Journal-of-Oceanic-Engineering (USA), vol.OE-2, no.1, p.67-74, Jan. 1977.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Problems inherent in using aircraft for radio oceanography studies.**

**Author(s)**

Walsh-E-J.

**Source**

IEEE-Transactions-on-Antennas-and-Propagation (USA), vol.AP-25, no.1, p.145-9, Jan. 1977.

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**The average impulse response of a rough surface and its applications.**

**Author(s)**

Brown-G-S.

**Source**

IEEE-Transactions-on-Antennas-and-Propagation (USA), vol.AP-25, no.1, p.67-74, Jan. 1977.

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**A satellite radar altimeter for a geodetic application.**

**Author(s)**

MacArthur-J-L; Goldfinger-A-D.

**Source**

54th Annual Meeting of the American Geophysical Union. (Abstracts only), Washington, DC, USA, 16-20 April 1973.

Sponsors: American Geophys. Union.

In: EOS-Transactions-of-the-American-Geophysical-Union (USA), vol.54, no.4, p.233, April 1973.

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**Radar altimeter optimization for geodesy over the sea.**

**Author(s)**

Harger-R-O.

**Source**

IEEE-Transactions-on-Aerospace-and-Electronic-Systems (USA), vol .AES-8, no.6, p.728-42, Nov. 1972.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Accuracy of satellite *radar altimeter* measurements.**

***Author(s)***

Greene–A–H; Ed. by Henrikson–S–W; Armando–M; Chovitz–B–H.

***Source***

3rd International Symposium on the Use of Artificial Satellites for Geodesy, Washington, DC, USA, 15–17 April 1971, p.227–37.

Sponsors: American Geophys. Union, et al.

Published: American Geophys. Union, Washington, DC, USA, 1972, xii+298 pp.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**Doppler *radar* simulation studies.**

***Author(s)***

Stanley–W–D.

***Source***

Old Dominion Univ., Norfolk, VA, USA, Oct. 1971, 120 pp.

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**Satellite altimetry using ocean backscatter.**

***Author(s)***

Berger–T.

***Source***

IEEE–Transactions–on–Antennas–and–Propagation (USA), vol.AP–20, no.3, p.295–309, May 1972.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

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**The exploration of realistic short–arc orbit prediction and satellite *altimeter* data utilization (Final Report, 26 Jun. 1969–26 Apr. 1970).**

***Source***

Computer Sci. Corp., Los Angeles, CA, USA, April 1970, 150 pp.

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